

Figure 1: Derived Channel Monitoring System

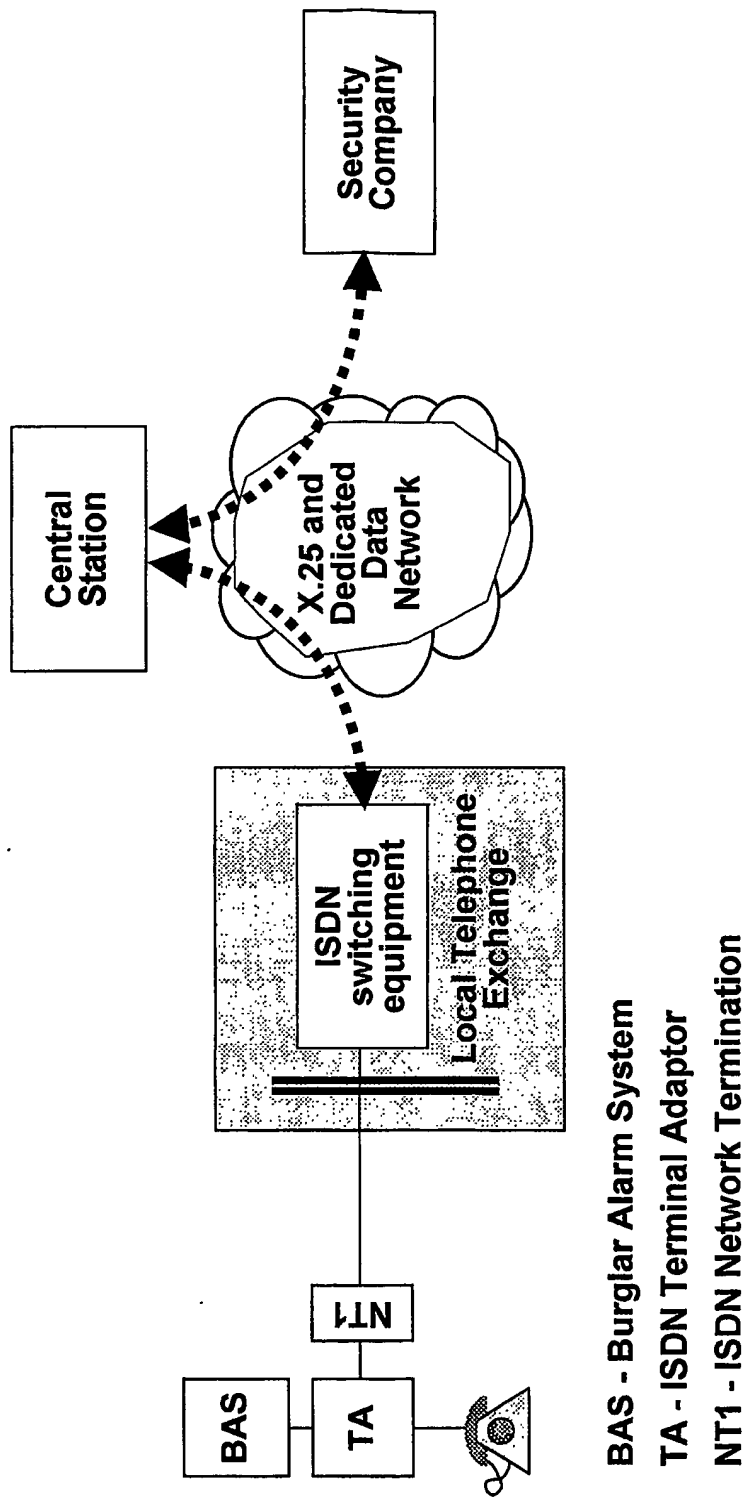
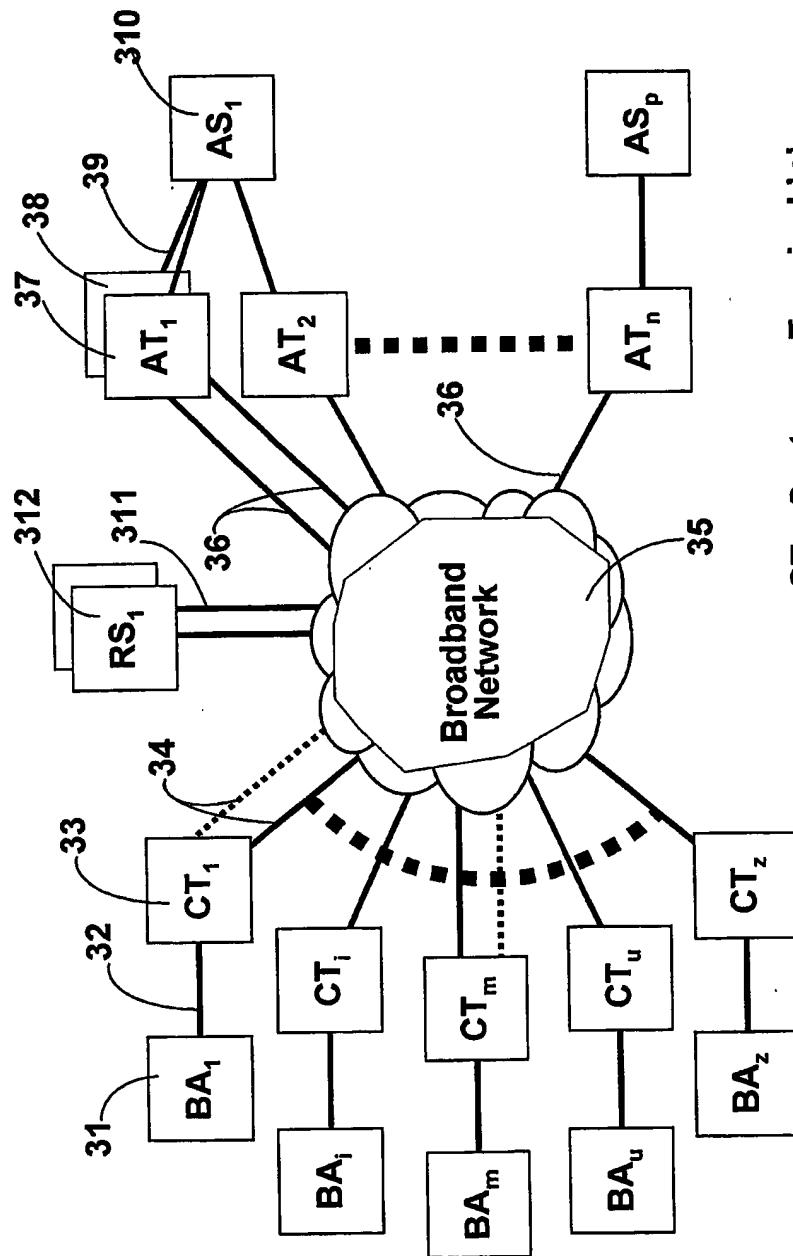


Figure 2: ISDN Monitoring System



CT_n : Customer Terminal 'n'
 BA_n : Burglar Alarm System 'n'
 AT_m : Agency Terminal 'm'
 AS_p : Automation System 'p'
 RS_t : Registration Server 't'

Figure 3

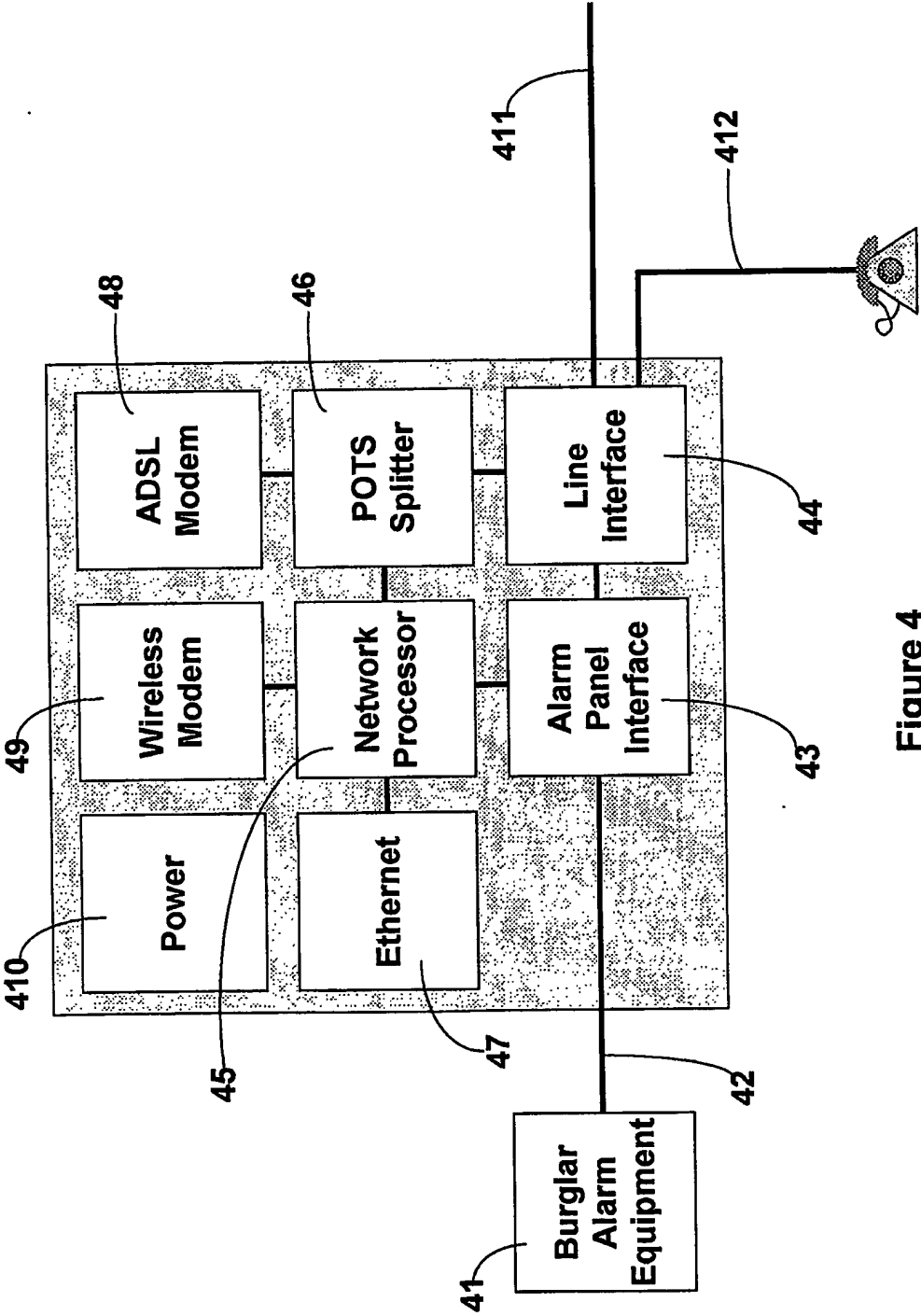


Figure 4

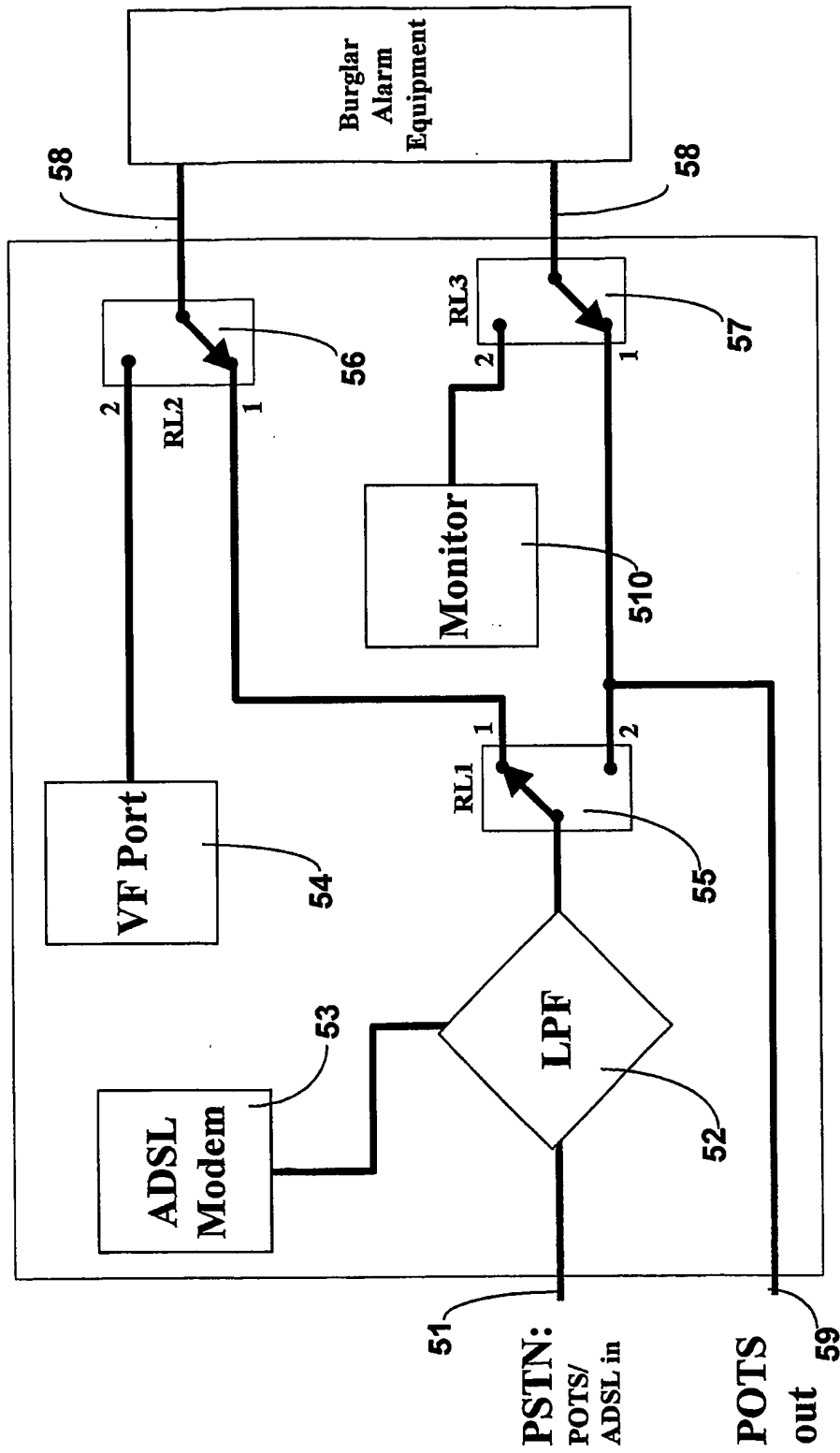


Figure 5

5/17

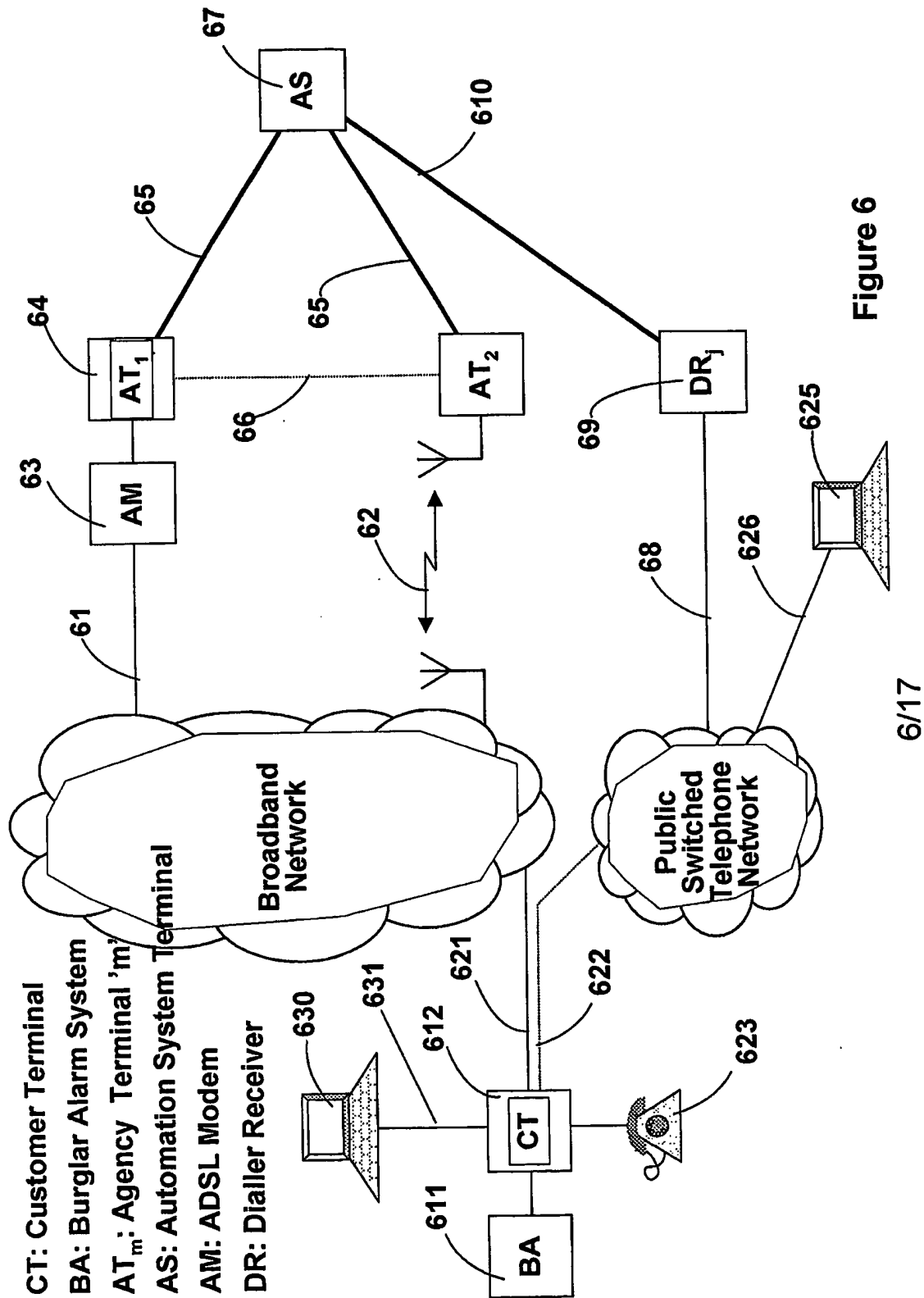


Figure 6

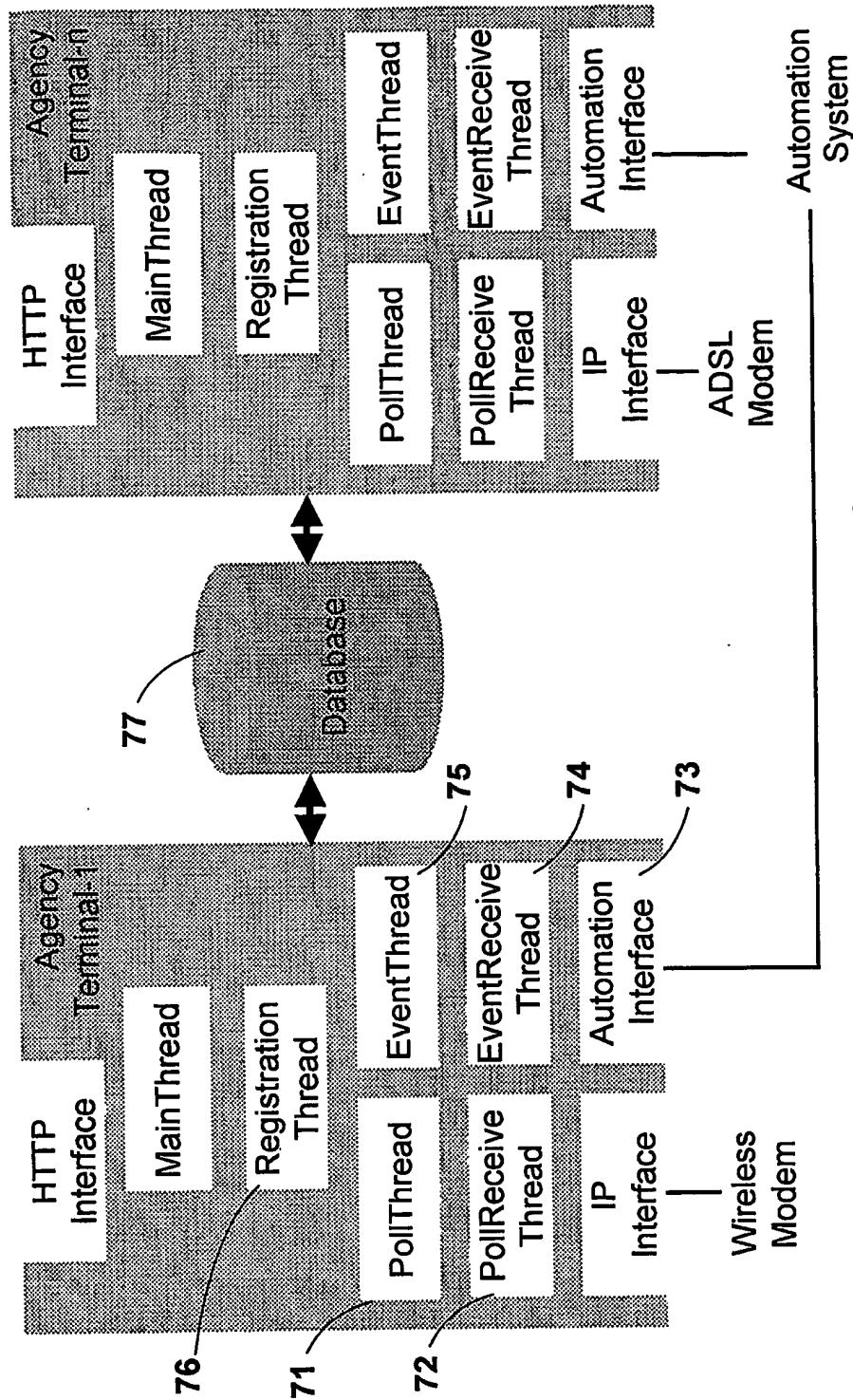


Figure 7: Agency Terminal Schematic

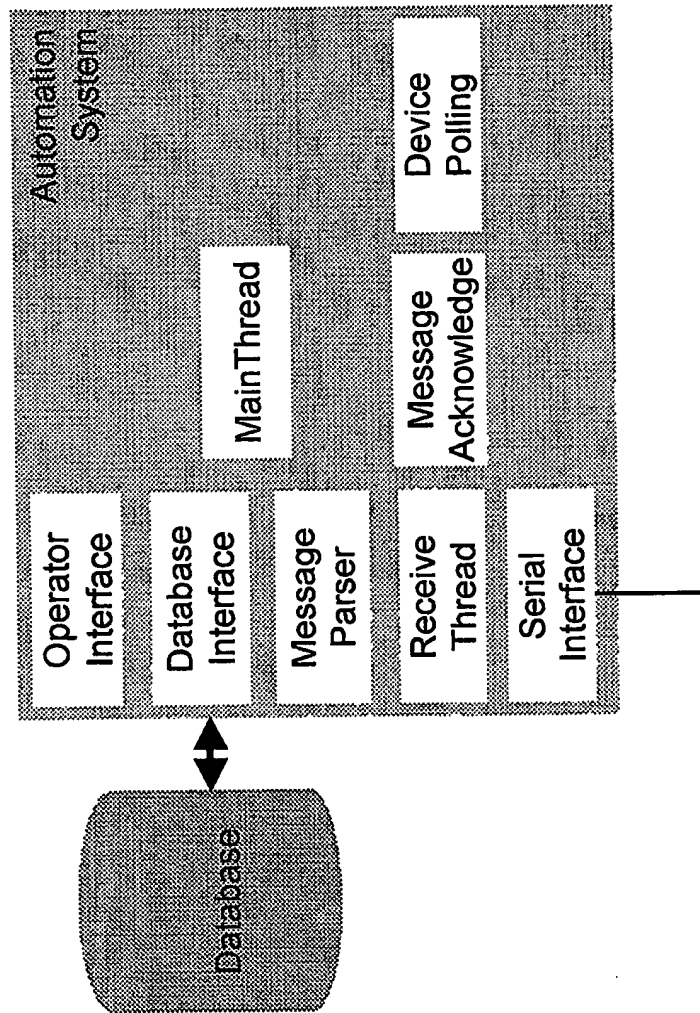


Figure 8: Automation System Schematic

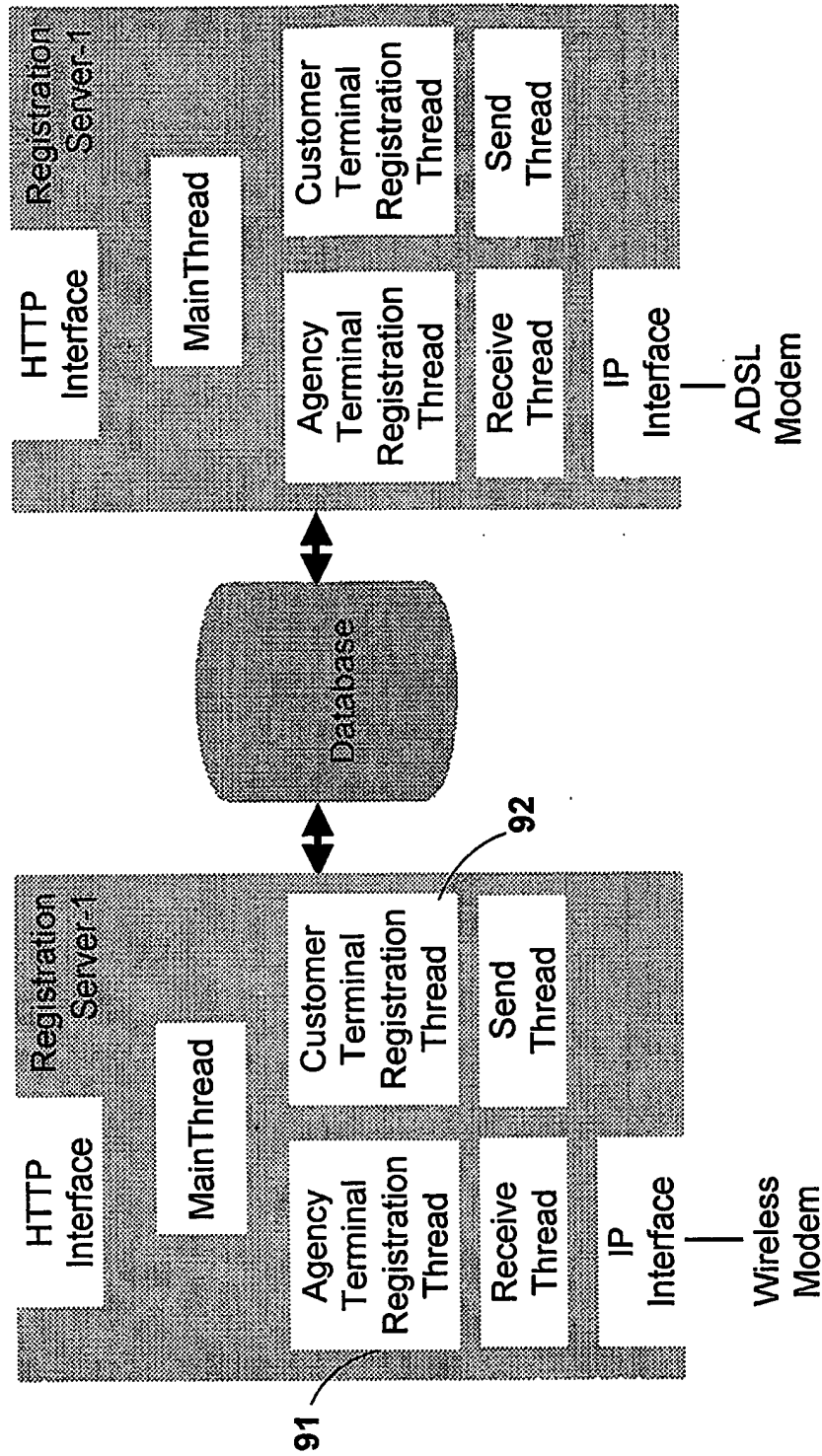
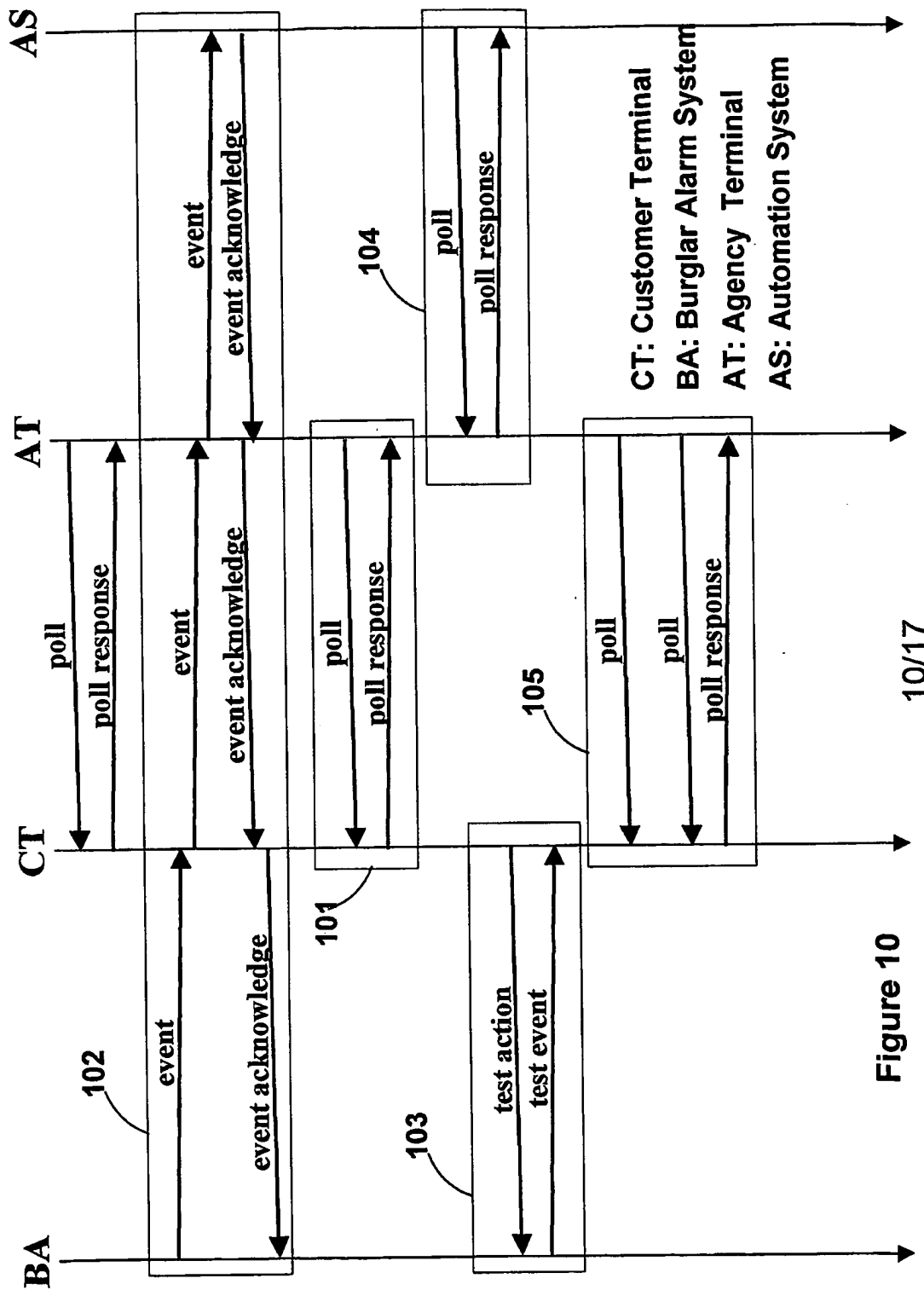
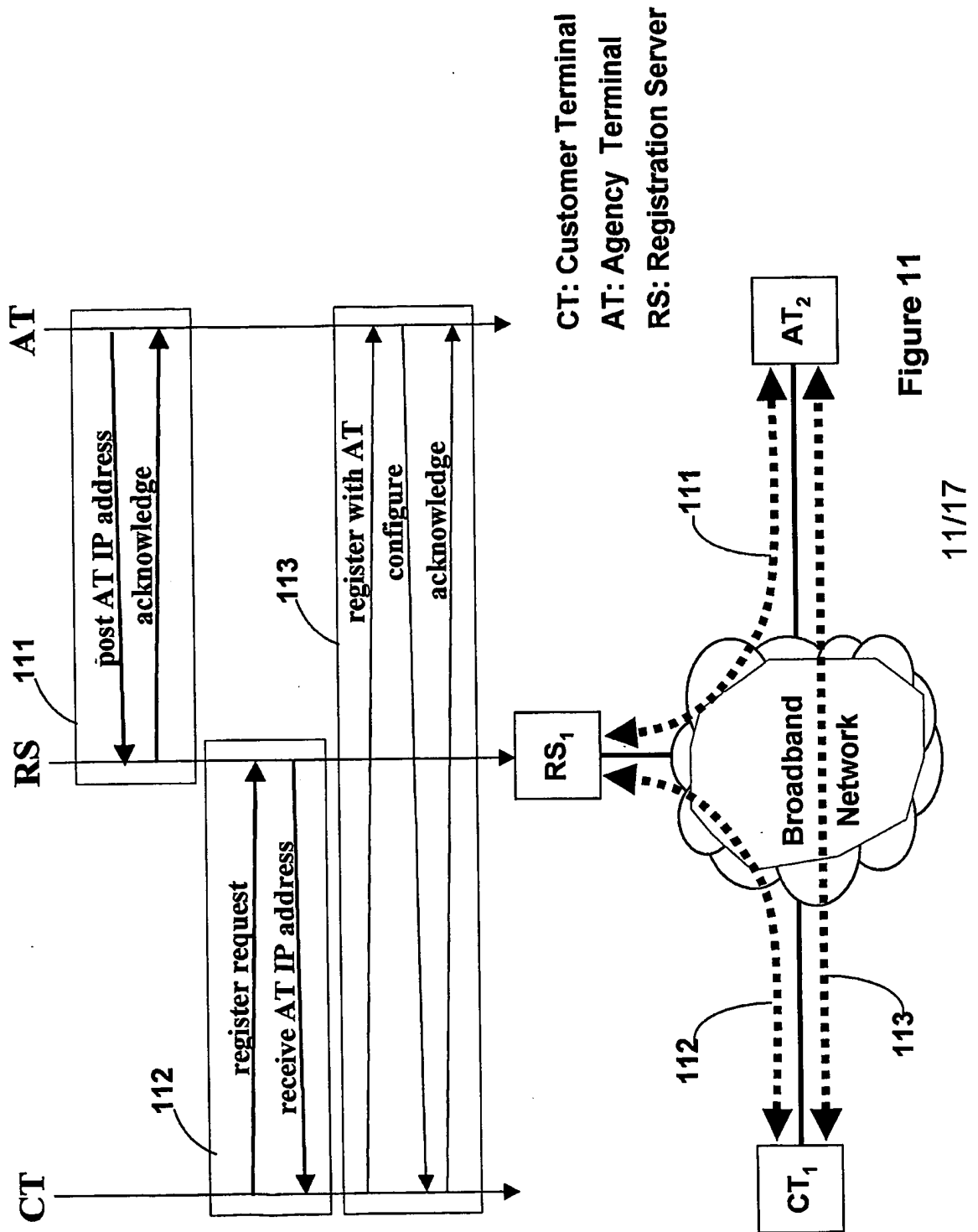


Figure 9: Registration Server Schematic





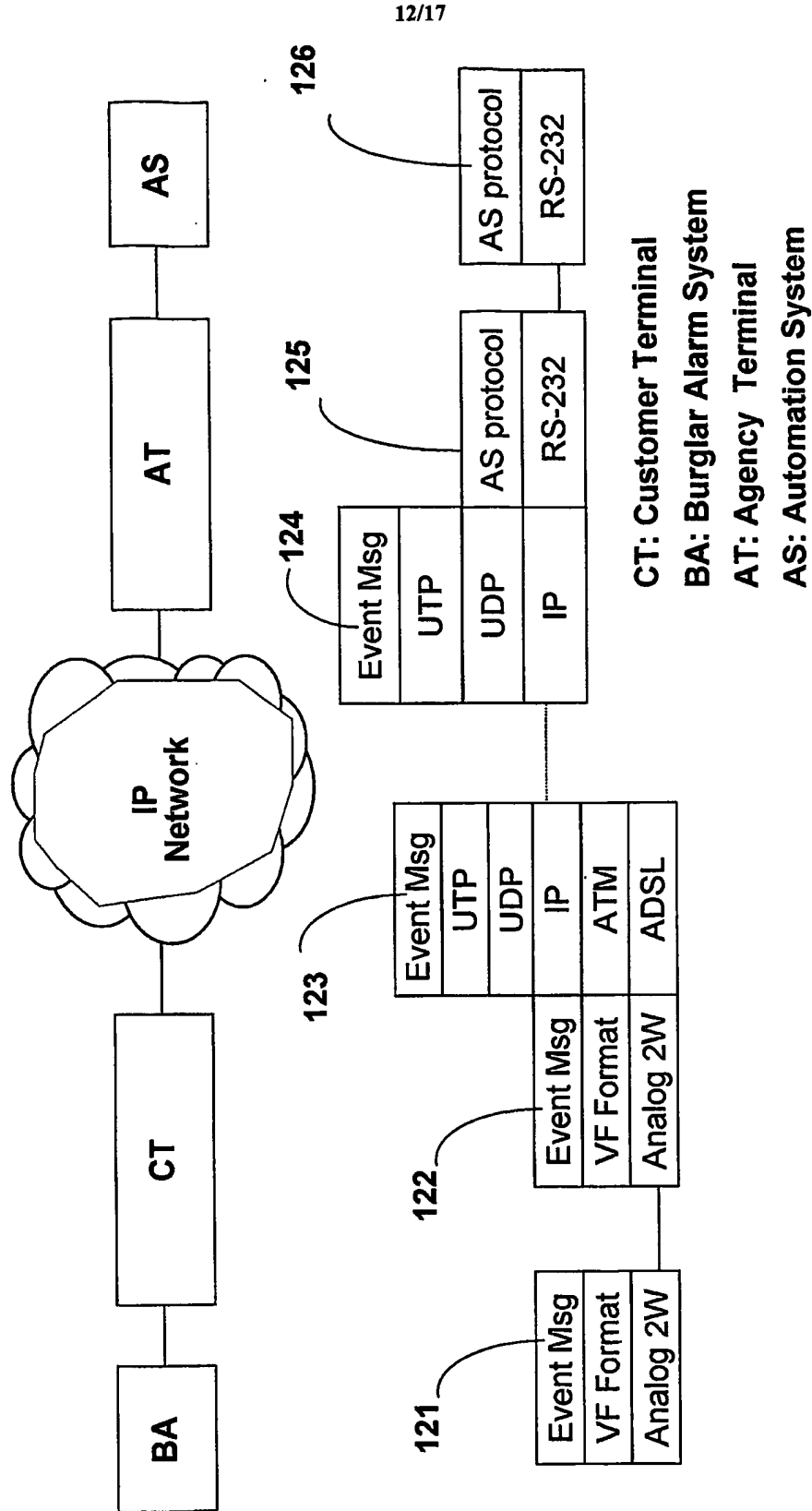


Figure 12

12/17

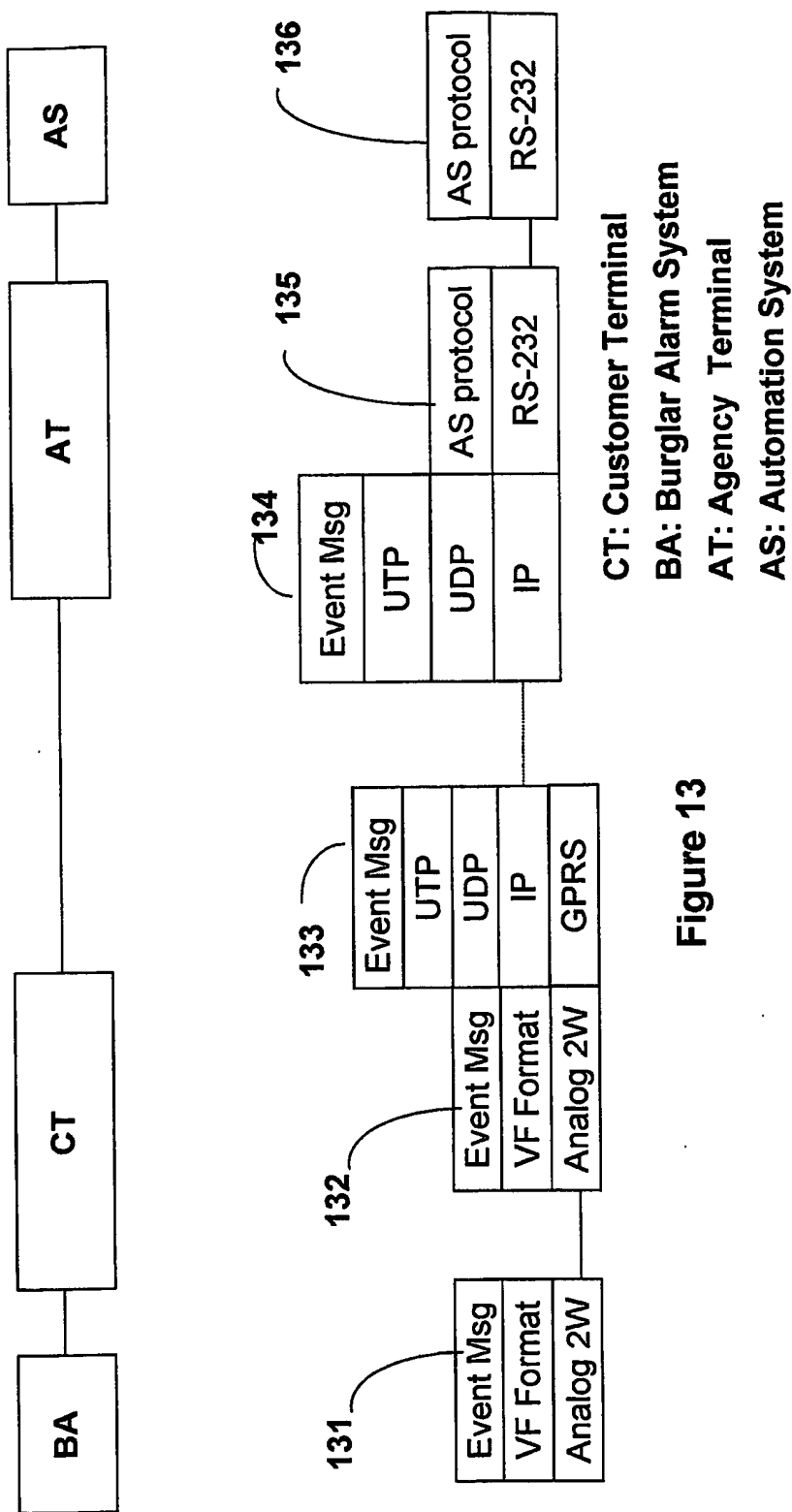


Figure 13

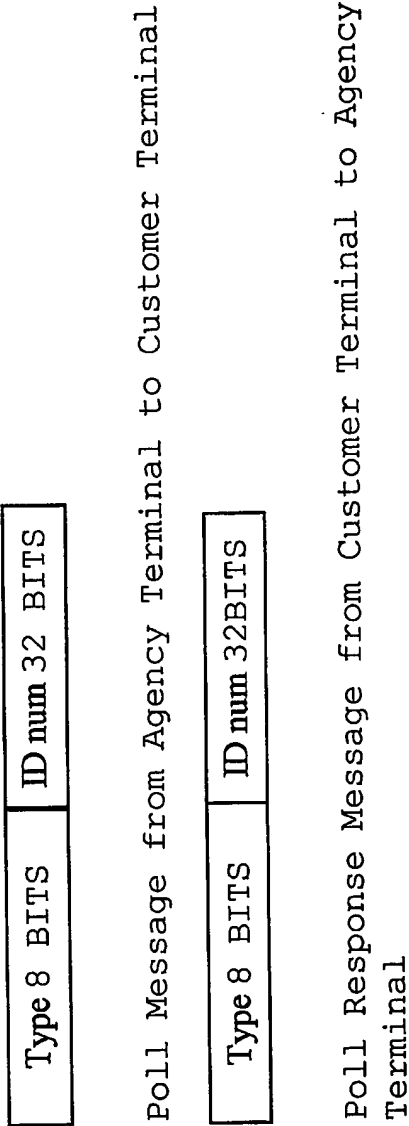


Figure 14

Type 8 BITS	Length 16 BITS	ID num 32BITS	Timestamp DHMS (24BITS)	Information UP TO 100 BYTES	Crc 2BYTES
----------------	-------------------	------------------	----------------------------	--------------------------------	---------------

Event/Alarm notification Message from Customer Terminal to
Agency Terminal

Type 8 BITS	Length 16 BITS	ID num 32BITS	Information UP TO 100 BYTES	Crc 2BYTES
----------------	-------------------	------------------	--------------------------------	---------------

Acknowledge Message from Agency Terminal to Customer Terminal

Figure 15

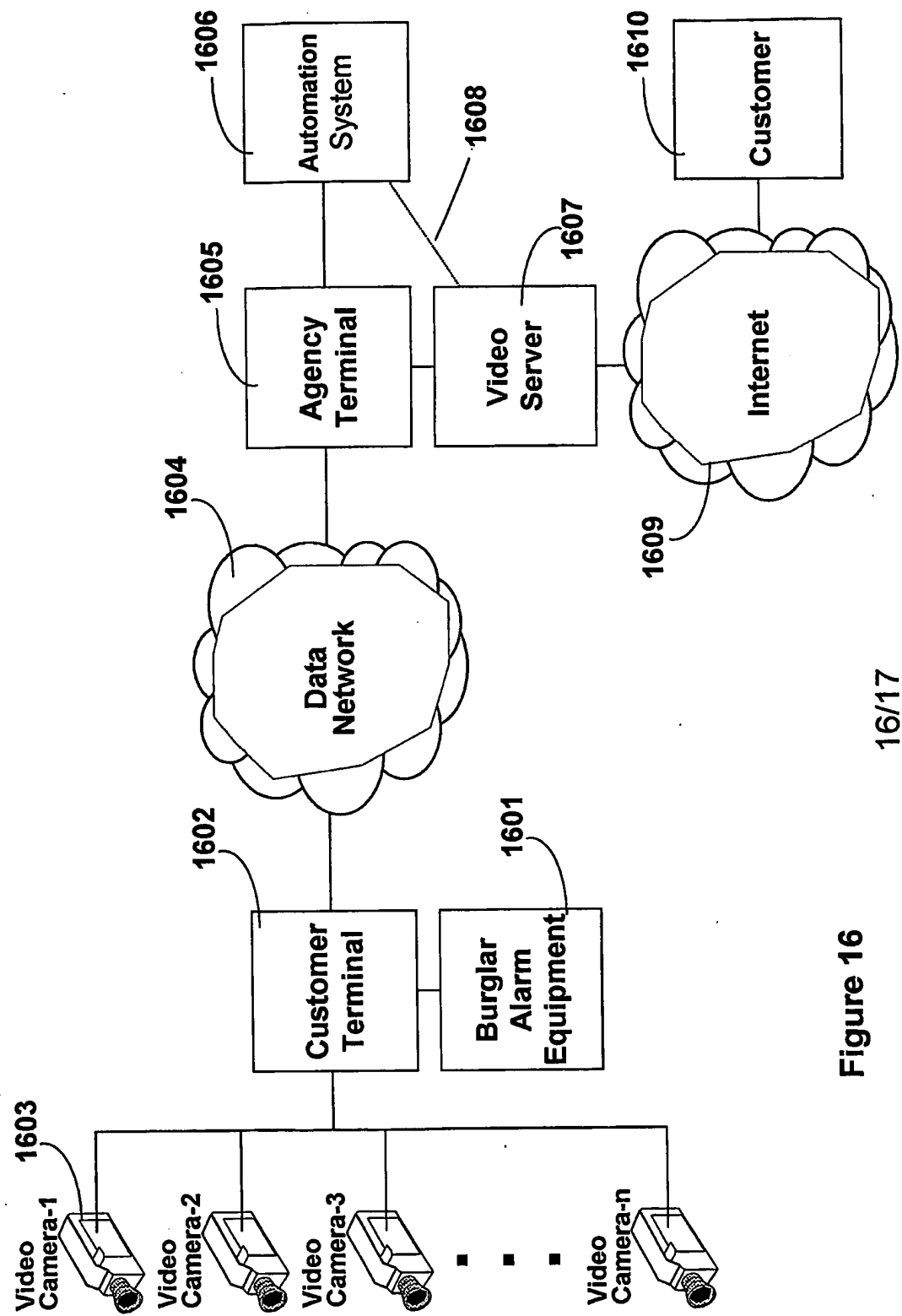


Figure 16

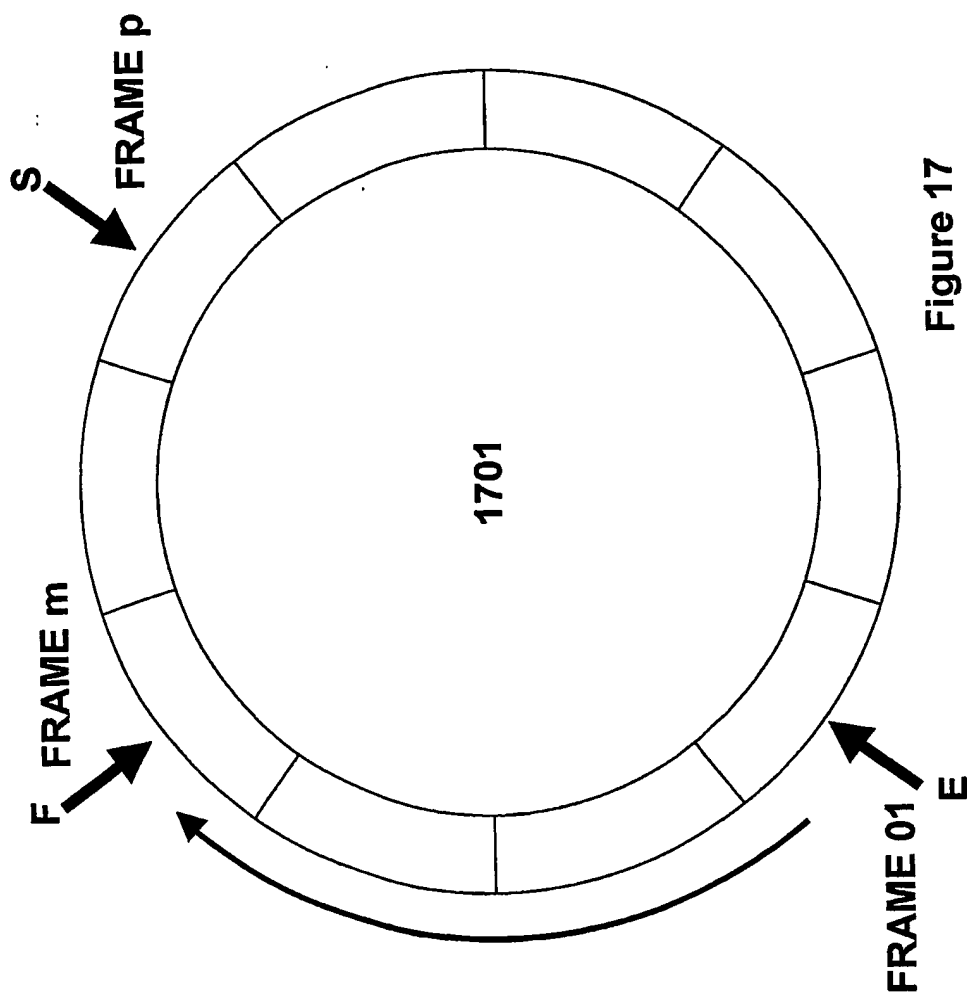


Figure 17